

In the Claims

Please amend claims 1, 4 and 5 as follows.

Please cancel non-elected claim 3.

Please add claims 11-17.

1. (Currently Amended) An isolated nucleic acid molecule that encodes a plant protein or fragment thereof comprising a nucleic acid sequence ~~selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 17880~~ of SEQ ID NO: 13.
2. (Original) The isolated nucleic acid molecule according to claim 1, wherein said plant protein is a cotton protein.
3. (Canceled)
4. (Currently Amended) A transformed plant having a nucleic acid molecule which comprises:
 - (a) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule;
 - (b) a structural nucleic acid molecule comprising a nucleic acid sequence ~~selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 17880~~ of SEQ ID NO: 13 or complements thereof; and
 - (c) a 3' non-translated sequence that functions in said plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of said mRNA molecule.

5. (Currently Amended) The transformed plant according to claim [3] 4, wherein said structural nucleic acid molecule is a complement of ~~any of the nucleic acid sequences of SEQ ID NO: 1 through SEQ ID NO: 17880~~ SEQ ID NO: 13.
6. (Original) The transformed plant according to claim 4, wherein said plant is soybean, wheat, cotton or maize.
7. (Original) The transformed plant according to claim 4, wherein said plant is maize.
8. (Original) The transformed plant according to claim 4, wherein said plant is soybean.
9. (Original) The transformed plant according to claim 4, wherein said plant is wheat.
10. (Original) The transformed plant according to claim 4, wherein said plant is cotton.
11. (New) A substantially purified nucleic acid molecule, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 90% identity with a nucleic acid sequence of SEQ ID NO: 13 or a complement thereof.
12. (New) The substantially purified nucleic acid molecule according to claim 11, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 95% identity with a nucleic acid sequence of SEQ ID NO: 13 or a complement thereof.
13. (New) The substantially purified nucleic acid molecule according to claim 11, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 98% identity with a nucleic acid sequence of SEQ ID NO: 13 or a complement thereof.

14. (New) The substantially purified nucleic acid molecule according to claim 11, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 99% identity with a nucleic acid sequence of SEQ ID NO: 13 or a complement thereof.

15. (New) The substantially purified nucleic acid molecule according to claim 11, wherein said nucleic acid molecule further comprises a region having a single nucleotide polymorphism.

16. (New) A substantially purified nucleic acid molecule, wherein said nucleic acid molecule comprises a nucleic acid sequence of SEQ ID NO: 13 or a complement thereof.

17. (New) The substantially purified nucleic acid molecule according to claim 16, wherein said nucleic acid molecule consists of a nucleic acid sequence of SEQ ID NO: 13 or a complement thereof.